

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 26th Oct

1942 When handed in at Local Office

19

Port of

DUBLIN

No. in
Reg. Book.

Survey held at

DUBLIN.

Date, First Survey 3rd APRILLast Survey 20th OCTOBER, 1942.

(No. of Visits

37.

77320 on the Wood, Iron or Steel TWIN S. "LADY BONNAUGHT"

TONNAGE

Built at

BELFAST

By whom

HARLAND & WOLFF, LTD.

When

YEAR.

MONTH.

GROSS

2284

Owners

BRITISH & IRISH STEAM PACKET CO. LTD.

Owners' Address

(if not already recorded in Appendix to Register Book).

UNDER DEK

1427 See

Managers

NET

962 Ref

Port belonging to

LIVERPOOL.

Surveyed Afloat or in Dry Dock? BOTH

Name of Dock

ALEXANDRA.

Destined Voyage

Cell D Bor D Ba

feet; uE&B

feet; f

feet

total capacity

tons. FPT

tons. APT

tons; MT

feet

tons.

Particulars of Classification (which must be inserted
precisely as in Register Book & Supplements)

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Machinery and Boiler Surveys (Including date of N.B., if any).
+100A1 WITH FREEBOARD.	+LHC. 5.35
7.40.	BS. 7.40.
SS. LIV. 2 nd No 3 - 5.36	TR. 5.38
	S. 7.40.
	FINING FOR OIL FUEL 4.24.
	FR. ABOVE 150°F

N.B.—All alterations in the existing records should be underlined.

Last Report, No. 5681

Port

DUB

(Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules and items remaining to complete the Surveys should be summarised. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined

yes, no

Society's Freeboard (if assigned) as

painted on Ship and now verified

ft. ins

required.

Was a damage report made by anyone else? if so, by whom? yes, V/writer surveyor.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage, Special Survey 3rd No 2, Alteration

to battle carrying vessel.

Damage alleged to have been sustained 1st through collision with S.S. "Don" in Belfast Lough on 3rd October 1940.2nd through collision with S.S. "HOLME FORCE" in river Mersey on 8th Dec. 1939 Voyage Dublin to Liverpool.3rd Fire outside the River Mersey on 27th Dec. 1940 Voyage Liverpool to Belfast.4th Fire whilst in Langton Graving Dock, Liverpool on 29th Dec. 1940.5th collision with Princes Dock, West Pier, Liverpool on 3rd January 1941

P.T.O.

SUMMARY OF DAMAGE REPAIRS:—

	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:—
Renewed	7	3	10	1	7	1	1	Belted and riveted plates & angles, bulkhead, etc. plates
Removed and Faired or Repaired	11	30	1	1	3	1	1	Deck, etc. as stated
Faired or Repaired in place	12	16	9	4	7	1	1	

PRESENT CONDITION OF THE

Decks	good	Bulkheads	good	Engine Room Skylights	good	Copper, or Y.M.	
Caulking of Decks	do.	Ceiling	do.	Coal Bunkers, Openings, Covers, &c.	do.	(State if on Etc.)	
Coamings	do.	Cement or Asphalt	do.	Oil Bunkers	good	When fitted	Month
Beams & Fastenings	do.	Rudder	do.	Scuppers	do.	Year	
Outside Plating	do.	Steering gear and its connections	do.	Cargo Hatchways	do.	Boats	good
" " in way of sidelights	do.	Windlass	do.	Hatches	do.	Masts, Yards, &c.	do.
Frames	do.	Have pumps been examined and found efficient?	yes.	Planking	do.	Condition, how ascertained	FROM ALOFT
Reverse Frames	do.	Have Sluice Valves been examined and found efficient?	yes.	Caulking	do.	(State if wedges removed.)	
Longitudinals	do.	Have Watertight Doors been examined and found efficient?	yes.	Trunnels	do.	Equipment letter	
Transverses	do.	Have Ventilators and their Coamings been examined and found efficient?	yes.	Breasthooks & Stems	do.	Anchors, No. of	3 B. 1 S.
Floors	do.	Air and Sounding Pipes	good	Transoms, Pointers & Crutches	do.	Cables (State if now ranged)	yes, 1 2 3 4 5
Keelsons	do.	Doubling Plates under Sounding Pipes	yes	Timbers of Frame at openings	do.	" length	240 F mean diamr. 1 1/2 in
Stringers	do.			" " at other places	do.	" Rule length	240 F size 2
Inner Bottom Plating	do.			Stringers, Clamps & Shelves	do.	Chain Locker	good
Have the Tanks been examined internally?	yes			Siding	do.	Hawsers & Warps	do.
Have the Tanks been tested?	yes			(State if examined.)		Standing and Running Rigging	good
						Sails	✓

General Observations, Opinion as to Class, Recommendation, &c.:—

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:— "to remain as classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,38," or "to remain as classed and to have record of survey, 1,38, and the notations of ss No. 1-38."

This vessel is in a good and efficient condition and eligible in my opinion to remain as classed with fresh record and have the notation S. No 2 with date when the survey is completed.

Survey Fee (per Section 20)	2-SS No 2	£ 20 : 0 : 0	Fees applied for,
Special Damage or Repair Fee (if any)		£ 47 : 5 : 0	28 th Oct 1942
Travelling Expenses (if chargeable)		£ 2 : 6 : 1	Received by me,
Second Surveyor's Fee (if any)	(Ref.)	£ : 10 : 0	19

Committee's Minute

FRI. 20 NOV 1942

Character Assigned

B&S 5842: Alf. 1042

Wants Date of Bel

Surveyor to Lloyd's Register of Shipping.

R. B. Grier

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Lloyd's Register
Foundation

002151-002156-0079 1/1

T.S.S. "LADY CONNAUGHT."

Aft- Peak bulkhead lower section cropped and renewed. Floors 4 No. cropped faired in place welded at crop and fitted with strap. all rivets in aft-peak and tunnel, recess, hammer tested and defective ones renewed.

Tunnel Port-side 4 frames cropped removed faired & refitted both welded.
 " Starboard 2 " " " " " 6,
 " " " 1 " faired in place. 1.

Bent beams and stanchions in both tunnels removed faired and refitted. all damaged brackets and gussets removed faired and refitted.

Bulkhead plating on frame 55 aft renewed port & starboard and two new watertight doors fitted with controlling gear operated from above freeboard deck.

Watertight door on engine room aft bulkhead with controlling gear renewed.

Tunnel floors port & starboard renewed.

Wood decks caulked where signs of starting.

No 3 hatchway beam removed faired and refitted.

All hatchway covers & gangways overhauled and placed in good condition.

Lifelines overhauled repaired and placed in good condition.

Navigating bridge wing shelters port & starboard rebuilt with part new material. Broken glass in windows renewed. concrete slabs refitted. Furniture in rooms repaired and refitted.

All plunger block stock in tunnels removed faired and refitted with part new material as required.

4th Fire damage Liverpool.

A strike is starboard. Numbers count from forward.

Shell plating. Starboard side.

Sheer Strake B. 10 1st below sheer F. 10 renewed, 2.
 " " " " " " faired in place. 1.

2nd below sheer E. 10 removed faired and refitted main injection valve doubler removed faired and refitted. 1.

3rd below sheer D. 10 upper landing faired in place. 1.

Frames. Numbers from amidship.

Nos. 11, 12, 13, 14, 15, 16, 17, 18, 19 shell & reverse released & faired in place. 9.

No 20 removed faired and refitted. 1.

No 13 reverse frame. renewed. 1.

No 25 reverse frame. renewed. 1.

Beam knees Nos 16 and 21 renewed.

Keel frames. No 16 upper section web plate renewed 2 face angles off and on. lower section web plate faired in place.

13 cement chocks renewed.

No 21 upper section renewed. 2 face angles part renewed. lower section web plate faired in place.

T.S.S. "LADY CONNAUGHT"

Stringer brackets at frames Nos. 13, 17, 19, 23 removed faired and refitted
No 25 renewed.

Lower stringer between frames 16 & 21 released & faired in place. 1.

Side stringer cropped at frames 13 and 25 cut-out and renewed.

13 shell checks renewed. Face angle between frames 12 and 26 removed
faired and refitted. Angle to frames removed faired and refitted.

Insulation under deck renewed.

Stokehold bulkhead, lower portion wing plate cropped and renewed 1.

two adjacent plates removed faired and refitted. Three stiffeners
removed faired and refitted.

Beltting with face iron shell angles removed for access and renewed.

5th Collision with Princes Dock, Liverpool.Port Quarter.

one counter shell plate removed faired and refitted. 1.

one do. do. faired in place. 1.

one shell plate faired in place. 1.

Two cant frames removed faired and refitted. 2.

wood knuckle moulding renewed.

Quarter beltting angles rubber & face plate removed for access & refitted.

Fittings in way removed for access and refitted.

3rd Special Survey No 2.

Vessel placed in dry dock. The shell plating, keel and rudder
scaled, cleaned, examined found or placed in good condition
and recoated. Rudder lifted and refitted. Holds, peaks,
tween decks, machinery spaces cleared, bulging lifted in hold
as required by the Rules. All oxidation removed throughout
the vessel and steel work examined and found or placed
in good condition and recoated. Double bottom and peak
tanks examined internally and tested under water pressure
to rule requirements. Decks examined. Chain cables ranged
and examined. Chain locker examined and cables replaced.
Anchors mast wedges removed, spars and rigging, latches
in position at the hatchway, steering gear, rudder quadrant
and tiller windlass, pumps, valves, watertight doors, air &
sounding pipes and general equipment examined and
found or placed in good condition. Doubling plates found
under sounding pipes. Ventilators and their casings examined
and found in good condition.

To complete the survey. Foreward to be cut-in and verified.

Double bottom tank top leak in way of fore end of stand main
engines to make good when engines removed for repair.

T.S.S. "LADY CONNAUGHT"

Engine room casing & skylight to close after repaired engines are installed.

This will be done at Belfast. Surveyors informed.

Repairs wear & tear.

Rudder lifted, 4 pintles renewed. Trunk aft end doubled.

Shell plating, a number of odd shell rivets renewed.

Starboard side. No 1 hold on shell plate in way of frame 61 from midship

doubler fitted. In way of wash house doubler fitted to shell, strake

above sheer. No 2 & 7 from stem doublers fitted. No 10 plate & coaming

ports closed. 2nd strake above sheer No 2 & 3 plates doublers fitted. Starboard

quarter in steering gear space one shell plate doubler fitted.

Port side. Strake below sheer No 4 plate doubler fitted, strake above No 7

plate doubler fitted. No 9 cropped & part renewed. Plating over top of No 1

cargo door renewed. In crew's bathroom, fore side of No 1 door, aft accommodation

aft side of No 2 cargo door, in way of paint locker, local wastage, doublers

fitted in way.

Peaks, Fore. 60 odd rivets renewed. Chain locker, stringer brackets

port & starboard sides end brackets renewed. One stiffener cropped

and part renewed, hatch coaming renewed.

Aft. 3 floor top section with reverse angles renewed, one doubled.

2 brackets renewed, upper portion of deep floor doubled, 2 wing

plates lower section renewed. Stringer plates port & starboard face

angles fitted. Bulkhead stiffeners renewed.

Decks. No 1 hold, tween 3 plates renewed, one plate doubler fitted.

No 2 hold, starboard side, one plate renewed, aft end of hatchway one

plate renewed. Bridge deck port side aft end of engine room casing

2 plates renewed. No 1 hatch wood covers fore deck 12 upper deck 7 renewed. No 2

bridge space, port side, 3 frames fitted with reverse angles.

" " Starboard " one frame cropped & renewed.

Bridge front bulkhead brackets to bulwarks renewed.

Aft Hold. Tunnel recess top 5 plates renewed. Cargo space

between tunnels top angles renewed.

Machinery space. D.B. tank top in way of keel feed pumps local

wastage doublers fitted. Buffer dam aft end of D.B. tank one

intercostal plate also center keelson doublers fitted. Port side frames

No 26 & 27 face plates fitted to reverse angles.

bearings. Cold chambers port & starboard in stbd plates cropped

and part renewed, doors renewed, engine room, one doubler fitted.

New skylight supplied, funnel casing local wastage doublers fitted.

Gangway doors in way of hatchways P. & S. overhauled painted and

strongbacks with fastenings all placed in good condition. No 2 cargo

door angles renewed.

Bulwarks, starboard side 2 doubling plates fitted.

Masts & rigging, fore and main doublers fitted in way of wastage.

Rigging overhauled and screws freed.

T.S.S. "LADY CONNAUGHT"

Ventilators, 4 stokehold repaired with part-new, E.R. vent-cowls repaired, forecabin one vent-cowl renewed.

Sounding pipes overhauled & refitted with part-new.

Star ceiling in No 1 tween deck fitted.

Doors & locks all overhauled & placed in good order.

Betting 63rd port and 75th stand renewed.

Alterations to cattle carrying vessel.

The whole of the passenger accommodation first-class & steerage with saloon, bathrooms, W.C. and berths stripped. The original boat-deck cut away and deck houses aft of funnel removed.

The original Promenade deck is now the boat-deck, openings plated over & P.P. 4" x 2" deck planks laid, on P. & S. sides in way of boats asphalt has been laid. Funnel casing fitted with brackets 12" top x 2' 8" at deck flanged 2" .32 thick, in bridge deck space 2' 8" flanged 2" x .32 thick. Boat-Davits removed from boat-deck and refitted to deck below, i.e. original promenade deck. Two new lifelines 6.23' 8.7.5' 0.2.9' supplied & fitted to B. of T. requirements, checks repeated.

Two old lifelines refitted. Deck house at fore end of old promenade deck now boat-deck fitted as Engineers and Stewards accommodation with saloons etc. New accommodation between frames 61 & 75 forward fitted as cargo space.

Pillars, Girders and beams supporting decks fitted as shown and amended on plan with the following exception.

Girders under foreward deck in way of No 2 hold. On account of not being able to get angles 6¹/₂ x 4¹/₂ x .64¹⁰ without a delay of some months 7 x 3 x .4 bull angles have been fitted the girder plate is .45" thick. The plates fitted to deck as shown on plan.

No. 2 hatchway on foreward deck altered to 10^{ft} x 12^{ft}. 3 new deck plates fitted forward of coaming. Tween deck hatchway altered to 12' x 12' 2 new deck plates fitted forward of coaming.

All cattle decks asphalted 1" thick. X

Bridge space cargo doors P. & S. fitted, shell doublers as shown & amended on plan. No 2 hold ceiling renewed.

All original openings in decks closed & casings for cattle walks with ramps and steel doors with coamings fitted as shown on the plan. Scuppers and drain tank with ejector fitted as per approved plan. B.H. valves fitted to shell plating.

Wash deck service & F.V. service pipes renewed. Ventilators 10 new trunk fitted with inspection doors, dampers and grids and reversible speed electric fans. Engine room skylight renewed with one new ventilator and one repaired & refitted.

Poop bulkhead one door closed and under poop deck rooms fitted for the crews accommodation. All unnecessary scupper pipes & valves removed and blanked off with riveted speigol-patches on shell

T.S.S. "LADY BONNAUGHT."

All side scuttles below freeboard deck blanked off with riveted spigot patches on shell. Port deck house fitted for battlemen. Bridge deck finished off and handrails fitted. No 3 hold pocket between tunnels partly plated over at fore end.

Bridge forward bulkhead fitted with steel doors as amended on the plan. Doors fitted with $3" \times 3" \times \frac{3}{8}"$ stiffeners. Apr end on frame 39 a new bulkhead has been erected with storm board fitted the full height of the openings as per plan.

Decks were tested on completion of alterations.

The vessel has been towed to Messrs Harland & Wolff Ltd.

Belfast to have her machinery taken out & rebuilt with new cylinders bedplates etc.

The new tonnages are as follows:-

GROSS. 1685.58 NET. 654.69.

R. B. Grier.

Plans sent to
Mr Munro to
await report.



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